

Work Order ID 63176

Friday, October 22, 2010 10:30:55 AM



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Item ID: D412-742-013

Accept



Setup Start



Revision ID:

Item Name: Float Skidtube Installation

Stop



Start Date: 10/22/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 10/22/2010 Req'd Qty: 1.00



Customer:

Reference: DISASSEMBLE.

Approvals: Process Plan: MF

Date: 10-10-22 Tooling: _____ Date: _____

Run Start



QC: _____

Date: _____ SPC (Y/N): _____ Date: _____

Stop



| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

| Draw Nbr | Revision Nbr |
|--------------|--------------|
| IIN D412-742 | D |

| | | |
|-----|--|------|
| 150 | | 0.00 |
| | | |

| | | |
|-----------|---|------|
| Packaging | Memo | 0.00 |
| Packaging | PULL FROM STOCK D412-742-013 DISASSEMBLE AND RETURN TO STOCK UNDER ORIGINAL BATCH NUMBER AS - 043 | |

| | | |
|-----|---|------|
| 160 | QC5- Inspect part completeness to step on W/O | 0.00 |
| | | |

| | | |
|-----------------|------|------|
| QC | Memo | 0.00 |
| Quality Control | | |

| | | |
|-----|---|------|
| 170 | QC21- Final Inspection - Work Order Release | 0.00 |
| | | |

| | | |
|-----------------|------|------|
| Quality Control | Memo | 0.00 |
| | | |

| | | |
|-----|---|------|
| 180 | QC22- Final Inspection - Work Order Release | 0.00 |
| | | |

| | | |
|-----------------|------|------|
| Quality Control | Memo | 0.00 |
| | | |

10/10/22

| | | | |
|--|-----------------------|---|-----------|
| DART TRANSPORT CANADA APPROVAL # 09-89 | | TEL.: 1-613-632-3336 FAX: 1-613-632-4443 | |
| P/N | D412-742-013 | CHG | CHG006 |
| DESC. | Float Skidtube | STC | SR01583SE |
| LOT | B61476 | STC | SH05-37 |
| MODEL | 205/210/212/412/AB412 | STC | |

US PATENT # 5735484
CANADA FOREIGN PATENTS PENDING

MADE IN CANADA

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

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Work Order ID: 63176



Parent Item: D412-742-013



Parent Item Name: Float Skidtube Installation

Start Date: 10/22/2010

Required Date: 10/22/2010

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev: A 05.10.13 New Issue KJ/JLM
IPP Rev:B 06-06-08 As per DS19336 JLM IPP RevC 07-12-03 ECN
1072 DD verified by:JLM
IPP Rev:D 08-09-08 ecn 08-510 DD verified by:EC
IPP Rev:E 09-01-23 as per DS19441 DD verified by:EC IPP RevF: add
AN4C7A DD 10.01.13 verified by:EC

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| AN3C37A | | Purchased | | No | | | Each | 112.0000 | 1 | -1 | | | |

BOLT

| | | | Location | | Loc Qty | Loc Code | |
|--|--|--|----------|--------|---------|----------|--|
| | | | ST353 | 110396 | | | |
| | | | | 115908 | 34 | | |
| | | | | | 50 | | |
| | | | ST354 | | 28 | | |
| | | | | 114801 | 28 | | |
| | | | | | | | |

BOLT

| | | | Location | | Loc Qty | Loc Code | |
|--|--|--|----------|--------|---------|----------|--|
| | | | ST354 | 106176 | | | |
| | | | | 112454 | 12 | | |
| | | | | 114442 | 50 | | |
| | | | | | 50 | | |

112454
10-10-22

10-10-22

10-10-22

Picklist Print

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Friday, October 22, 2010 10:30:54 AM

Work Order ID: 63176



Parent Item: D412-742-013



Parent Item Name: Float Skidtube Installation

Start Date: 10/22/2010

Required Date: 10/22/2010

Start Qty: 1.00

Required Qty: 1.00

AN3C41A



Purchased

No

Each

110.0000

1

-1



BOLT

| | <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|--|-----------------|----------------|-----------------|
| | FG | 4 | |
| | 103324 | 4 | |
| | ST354 | 106 | |
| | 108084 | 7 | |
| | 108409 | 8 | |
| | 114443 | 59 | |
| | 115316 | 32 | |

#112879

MF 10-10-22

AN3C42A



Purchased

No

Each

104.0000

1

-1



BOLT

| | <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|--|-----------------|----------------|-----------------|
| | ST354 | 104 | |
| | 106169 | 4 | |
| | 106176 | 100 | |

MF 10-10-22

AN3C43A



Purchased

No

Each

109.0000

1

-4



BOLT

| | <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|--|-----------------|----------------|-----------------|
| | ST354 | 109 | |
| | 14330 | 9 | |
| | 114433 | 50 | |
| | 114455 | 50 | |

MF 10-10-22

Picklist Print

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Work Order ID: 63176



Parent Item: D412-742-013



Parent Item Name: Float Skidtube Installation

Start Date: 10/22/2010

Required Date: 10/22/2010

Start Qty: 1.00

Required Qty: 1.00

AN3C46A



Purchased

No

Each

71.0000

5

-5



BOLT

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| ST355 | 71 | |
| (113302) | 36 | |
| 115030 | 15 | |
| 115518 | 20 | |

#113164 x 2

MF 10-10-22 x 3

AN4C47A



Purchased

No

Each

89.0000

4

-4



Bolt

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| ST361 | 89 | |
| 115231 | 7 | |
| 115518 | 40 | |
| 115836 | 12 | |
| 115936 | 30 | |

114653

mf 10-10-22

AN4C52A



Purchased

No

Each

120.0000

8

-8



BOLT

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| ST361 | 120 | |
| (112641) | 50 | |
| (113121) | 20 | |

MF 10-10-22

Picklist Print

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Work Order ID: 63176



Parent Item: D412-742-013



Parent Item Name: Float Skidtube Installation

Start Date: 10/22/2010

Required Date: 10/22/2010

Start Qty: 1.00

Required Qty: 1.00

AN4C6A



Purchased

No

Each

319.0000

16

-16



Bolt

| | <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|--|-----------------|----------------|-----------------|
| | FG | 4 | |
| | 103344 | 4 | |
| | ST | 4 | |
| | 103344 | 0 | |
| | 111295 | 4 | |
| | ST356 | 311 | |
| | 113121 | 111 | |
| | 115016 | 200 | |

MF 10-10-22

AN4C7A



Purchased

No

Each

452.0000

4

-4



Bolt

| | <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|--|-----------------|----------------|-----------------|
| | ST356 | 452 | |
| | 109147 | 452 | |

MF 10-10-22

AN6C12A



Purchased

No

Each

48.0000

8

-8



BOLT

| | <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|--|-----------------|----------------|-----------------|
| | ST342 | 48 | |
| | 114442 | 48 | |

110396 MF 10-10-22

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Work Order ID: 63176



Parent Item: D412-742-013



Parent Item Name: Float Skidtube Installation

Start Date: 10/22/2010

Required Date: 10/22/2010

Start Qty: 1.00

Required Qty: 1.00

AN960C416L



Purchased No

Each 132.0000

32 -32



WASHER

LocationLoc QtyLoc Code

112794 x 29

FG 44

104925 44

ST346 88

106785 10

107008 10

112828 27

69220 41

112612 x 3

MF
10-10-22

AN960C616L



Purchased No

Each 156.0000

8 -8



WASHER

LocationLoc QtyLoc Code

111424 MF 10-10-22

ST347 156

113064 156

D2571



Manufactured No

Each 23.0000

1 -1



Saddle, Fwd Out 205

LocationLoc QtyLoc Code

ST425 7

43564 3

47564 4

ST433 16

58250 3

61332 1

62111 12

58250 MF 10-10-22

Picklist Print

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Friday, October 22, 2010 10:30:55 AM

Work Order ID: 63176



Parent Item: D412-742-013



Parent Item Name: Float Skidtube Installation

Start Date: 10/22/2010

Required Date: 10/22/2010

Start Qty: 1.00

Required Qty: 1.00

D2572



Manufactured No

Each 15.0000

1 -1



Saddle, Fwd In 205

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> | |
|-----------------|----------------|-----------------|--|
| ST425 | 3 | | |
| 43565 | 3 | | |
| ST433 | 12 | | |
| 62150 | 12 | | |

58100 MF 10-10-22.

D2573



Manufactured No

Each 7.0000

1 -1



Saddle, Aft Out 205

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> | |
|-----------------|----------------|-----------------|--|
| ST425 | 7 | | |
| 43566 | 3 | | |
| 47566 | 4 | | |

58251 MF 10-10-22.

D2574



Manufactured No

Each 3.0000

1 -1



Saddle, Aft In 205

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> | |
|-----------------|----------------|-----------------|--|
| ST425 | 3 | | |
| 43567 | 3 | | |

58252

MF
10-10-22

D2747



Manufactured No

Each 129.0000

4 -4



Set Screw

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> | |
|-----------------|----------------|-----------------|--|
| ST023 | 129 | | |
| 39224 | 4 | | |
| 59879 | 25 | | |
| 62085 | 100 | | |

51921

MF 10-10-22

Picklist Print

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Work Order ID: 63176



Parent Item: D412-742-013



Parent Item Name: Float Skidtube Installation

Start Date: 10/22/2010

Required Date: 10/22/2010

Start Qty: 1.00

Required Qty: 1.00

D2876



Manufactured No

Each 46.0000

2 -2



Saddle Spacer

Location Loc Qty Loc Code

ST026 46

#42364 MF 10-10-22

60853 46

D2877



Manufactured No

Each 55.0000

2 -2



Saddle Spacer

Location Loc Qty Loc Code

ST026 55

#51541 MF 10-10-22

60854 14

61211 41

D3403-1



Manufactured No

Each 43.0000

16 -16



Bushing

Location Loc Qty Loc Code

ST052 30

58856

MF 10-10-22

61654 30

ST055 13

59119 13

D3403-3



Manufactured No

Each 27.0000

8 -8



Bushing

Location Loc Qty Loc Code

ST053 25

59598 25

ST055 2

56857

CMF 10-10-22

Picklist Print

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Friday, October 22, 2010 10:30:55 AM

Work Order ID: 63176



Parent Item: D412-742-013



Parent Item Name: Float Skidtube Installation

Start Date: 10/22/2010

Required Date: 10/22/2010

Start Qty: 1.00

Required Qty: 1.00

D3405-041



Manufactured No

Each 4.0000 1 -1



Lug Assembly

Location Loc Qty Loc CodeST474
604954
4

56835 MF 10-10-22

D3405-043



Manufactured No

Each 2.0000 1 -1



Lug Assembly

Location Loc Qty Loc CodeST474
53888
565142
1
1

56574 MF 10-10-22

D3407-041



Manufactured No

Each 9.0000 1 -1



Tow Ring

Location Loc Qty Loc CodeST464
612199
9

58209 MF 10-10-22

D3417-3



Manufactured No

Each 108.0000 2 -2



Washer

Location Loc Qty Loc CodeST056
44349
51648
53182108
27
28
53

MF 10-10-22

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Friday, October 22, 2010 10:30:55 AM

Work Order ID: 63176



Parent Item: D412-742-013



Parent Item Name: Float Skidtube Installation

Start Date: 10/22/2010

Required Date: 10/22/2010

Start Qty: 1.00

Required Qty: 1.00

D3456-1



Manufactured No

Each 5.0000

1 -1



Washer

Location Loc Qty Loc Code

ST058

5

54692

5

D3533-1



Manufactured No

Each 31.0000

2



Set Screw

MF 10-10-22.

Location Loc Qty Loc Code

ST069

31

51602

31

D3672-11



Manufactured No

Each 856.0000

16



Phenolic Washer

MF 10-10-22.

Location Loc Qty Loc Code

ST077

856

58046

856

D3672-3



Manufactured No

Each 527.0000

32



Phenolic Washer

MF 10-10-22.

Location Loc Qty Loc Code

ST077

527

47023

16

57704

511

D3672-9



Manufactured No

Each 390.0000

8



Phenolic Washer

B55500 MF 10-10-22

Location Loc Qty Loc Code

ST077

390

35523

390

MF 10-10-22

Picklist Print

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Friday, October 22, 2010 10:30:55 AM

Work Order ID: 63176**Parent Item:** D412-742-013**Parent Item Name:** Float Skidtube Installation**Start Date:** 10/22/2010**Required Date:** 10/22/2010**Start Qty:** 1.00**Required Qty:** 1.00

MS21043-3

Purchased No

Each 2,497.000 13 -13

Nut



| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| FG | 76 | |
| 103691 | 76 | |
| ST301 | 2421 | |
| 112314 | 2421 | |

MF 10-10-22

MS21043-4

Purchased No

Each 927.0000 29 -29

Nut



| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| FG | 40 | |
| 104603 | 40 | |
| ST301 | 887 | |
| 112492 | 25 | |
| 113069 | 8 | |
| 114523 | 254 | |
| 114784 | 300 | |
| 115936 | 300 | |

B114181

MF 10-10-22

NAS1149C0332R

Purchased No

Each 4,337.000 -26

Washer



| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| ST297 | 4337 | |
| 113524 | 10 | |
| 113737 | 150 | |
| 115000 | 125 | |
| 115698 | 78 | |
| 115816 | 374 | |
| 115832 | 3600 | |

114341

MF

10-10-22

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Location/Lot Activity

Friday, October 22, 2010 10:31:24 AM

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| Criteria : All Items All Locations Lot: 61476 All Transaction Types All Dates Report on Locations & Lots | | | | | | | | | | |
|--|--|--------------------------|--------|------------------------------|----------------|------------------------------|------------|-------------------------|-----------------|---------------|
| Transaction Type | Item ID/ Item Name | Warehouse Location ID | Reason | Employee ID Location Code | Loc Trans Date | LocQtyPrior/ Location Qty | Lot Number | LotQtyPrior/ Lot Qty | Shelf Life Date | Extended Cost |
| Rework | D412-742-013 / Float Skidtube Installation | Main Warehouse FG073 | 63176 | FAUT01 | 10/22/2010 | 2.0000 -1.0000 | 61476 | 1.0000 -1.0000 | | (\$5,272.43) |
| WIP Receipt | D412-742-013 / Float Skidtube Installation | Main Warehouse FG073 | 61476 | FAUT01 | 9/8/2010 | 3.0000 1.0000 | 61476 | 0.0000 1.0000 | | \$5,272.43 |

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries